

## Fire Weather Forecast

**FORECAST NO:** 2

**NAME OF FIRE:** Buckweed

**PREDICTION FOR:** Day SHIFT

**UNIT:** CA-LAC

**SHIFT DATE:** Thursday October 25, 2007

**SIGNED:**

**TIME AND DATE** 2000 Wednesday  
**FORECAST ISSUED:** October 24, 2007

**Incident Meteorologist**  
Dennis D. Gettman

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**WEATHER DISCUSSION:** Light low level offshore flow this morning will turn weakly onshore this afternoon as pressure gradients slacken across the fire area. The air mass characteristics will change little with low humidities and very warm temperatures again today. A cooling trend will begin Friday and extend into Saturday as an upper level low develops off the southern California coast.

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### **WEATHER FORECAST:**

**WEATHER:** Sunny and very warm.

**TEMPERATURES:** Highs 85 to 90.

**HUMIDITY:** Lowest humidities 12-15%.

### **20 FT WINDS:**

**RIDGETOP** – Northeast 6-12 mph with a few gust to 20 mph early. Winds becoming upslope 5-10 mph midday...then southwest 6 to 12 mph with gusts to 18 mph in the afternoon.

**SLOPE/VALLEY** - Northeast 6-10 mph with gusts to 15 mph...except becoming light and variable valley bottoms. Winds becoming upslope/upvalley 5-10 mph midday...then southwest 6 to 10 mph afternoon hours.

**HAINES INDEX:** 4

**STABILITY/INVERSION:** Valley inversions breaking 10-11 am.

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**OUTLOOK FOR THURSDAY NIGHT SHIFT:** Mostly clear and continued mild midslope and ridges. Lows in the low to mid 60s...except near 50 valley bottoms. Humidity recovery to 23-27% midslopes and ridges and 45-50% valley bottoms. Winds becoming east to southeast 5-10 mph ridges and light and variable valleys.

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**EXTENDED FORECAST:** Continued mostly clear...with a cooling trend. Highs in the lower 80s Friday and 76-80 Saturday. Lows 60-65 midslopes and ridges and 48-52 valley bottoms. Chance of gusty southwest winds Friday evening...otherwise light offshore winds at night turning south to southwest during the day with wind speeds below 15 mph.

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### **WEDNESDAY WEATHER DATA:**

Location:	Morning low temp /max humidity	Afternoon high temp/low humidity	Max Wind
Saugus RAWS (1450 ft)	72 / 18%	93 / 11%	North 20-26 mph
Acton RAWS (2600 ft)	64 / 23%	83 / 12%	NE 15-20 gust 45 mph
Palmdale	47 / 46%	85 / 12%	East 22 gust 32 mph

